

FMCSA Specifications for Federal Procurements of Field Portable Computers and Peripherals

Updated: 09/10/2001, JNH

This document provides specifications for FMCSA procurements of portable computer and peripheral hardware for field use. These specifications must be followed for all FMCSA procurements that meet the definitions below.

If you have any questions regarding these specifications, please contact Robert Miller, FMCSA Field Systems Team (FST) Leader, at (202) 366-1429.

SAFETY INVESTIGATOR LAPTOPS

This specification will be used for procuring investigator laptops for use in conducting Compliance Reviews.

- Panasonic ToughBook 48 (PIII 700MHz CPU) CF-48N4FJUDM
 - Windows 2000 Operating System
 - 128 MB SDRAM
 - 14.1" Display
 - 20 GB harddrive
 - LS-120 SuperDisk Drive (Replace floppy)
 - CD-ROM Drive, 24x
 - Touchpad pointer device
 - Integrated 56K modem AND 10/100 Ethernet card
- Panasonic Accessories
 - 128 MB RAM memory card (total RAM = 256) CF-WMBA81128
 - Port Replicator CF-VEB481
 - AC Adapter (for Port Replicator) CF-AA1639AM

ROADSIDE INSPECTOR LAPTOPS

These specifications will be used for procuring inspector laptops for use in conducting driver/vehicle inspections.

- Panasonic ToughBook 72 (PIII 700MHz CPU) CF-72N3FCZDM
 - Magnesium case, spill resistant keyboard, shock-mounted HDD
 - Windows 2000 Operating System
 - 128 MB SDRAM
 - 20 GB harddrive
 - Internal 56K modem
 - LS-120 SuperDisk Drive (modular)
 - CD-ROM Drive, 24x (modular)
 - 13.3" 1024x768 LCD screen
 - Touchpad pointer device
- Panasonic Accessories
 - Port Replicator CF-VEB481
 - AC Adapter (for Port Replicator) CF-AA1639AM
 - Xircom Realport Ethernet 10/100 PC Card NIC RBE-100BTX

MANAGER LAPTOPS

This specification is for a lightweight laptop for use primarily for e-mail, scheduling, address book information, and minimal word processing. Although the specified unit can be used for much more, the trade-off for going with a lightweight unit is a decrease in ease-of-use. If a manager feels he/she will be running CAPRI, ASPEN, CaseRite, or performing a great deal of word processing, we recommend procuring the standard SI laptop.

- Compaq N400c N4CP700X220C12P6L
 - Intel Low-Voltage Mobile Pentium III 700 MHz processor with SpeedStep™ technology
 - Weighs only 3.5 lbs
 - Full size keyboard
 - 12.1" XGA CTFT display
 - Three year warranty
 - 128 MB SDRAM
 - 28 GB harddrive
 - Integrated 56k modem and 10/100 network interface card
 - Magnesium display enclosure
 - One type II PC Card slot
 - Stick pointing device
 - Windows 2000 Operating System

- Compaq N400c accessories (required to make this a complete solution)
 - Mobil expansion unit (MEU) with CD-RW and 1.44 Floppy drive
234281-B25
 - 128 MB RAM upgrade (256 total)
400313-B21

PORTABLE PRINTER

This specification is to be used for both investigators and inspectors. Portable printers are procured and serviced for investigators and inspectors through the FMCSA Technical Support hotline.

- Canon BJC-85 Q30-3210-US1
 - Speed: Up to 5 ppm in black / 2 ppm in color
 - Resolution*: 720 x 360 dpi for black
 - Compatibility: Windows® 95, 98, ME, NT 4.0, 2000, & CE 2.10/2.11
(*Note: This unit is not DOS compatible)

3-IN-1 DESKTOP PRINTER

This specification should be used when procuring an all-in-one device for telecommuters. This is a desktop printer, fax, and scanner. The unit specified is not portable. Cables are procured separately. 3-in-1 printers are procured and serviced locally.

- HP Laserjet 1220se C7049A
 - Connectivity – USB or Parallel
 - Printer – Laserjet, 15 ppm, 1200x1200 resolution, envelope printing
 - Fax – 12 cpm, 600x600 resolution
 - Scanner – 9600 dpi

PORTABLE SCANNERS

This specification will be used when procuring portable scanners for use by investigators and inspectors.

- Visioneer Strobe Pro NT
 - Connectivity – USB, serial, or parallel
 - Resolution – 300x600 dpi
 - Scanner bit depth (color) – 30-bit

- Software includes:
 - Scansoft PaperPort Deluxe
 - Scansoft TextBridge Pro 8 OCR
 - MGI PhotoSuite II SE
 - Scansoft PaperPort Links™
 - PictureWorks PhotoEnhancer™
 - Scansoft WebPublisher Link

LAPTOP CARRYING CASE

Model unspecified, but should, at minimum, accommodate laptop, printer, and all accessories. Suggested manufacturers, include Tenba and Targus. Models to consider include:

Targus – Top-loading Air Universal	(\$ 99)
Targus – Port 2.1 Easyroller Case	(\$149)
Tenba – Tenba Computer Traveler	(\$170)

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